Performance Data Sheet

RGA5467EXV

General Information

Model	RGA5467EXV	**Refrigerant**	R-22
Test Condition	ASHRAE	**Performance Test Voltage**	265V ~ 60HZ
Return Gas	18.3°C (65°F) RETURN GAS	**Motor Type**	PSC

Performance Information

Evap Temp (°F)		Condensing Temperature (°F)						
		80	90	100	110	120	130	140
-15	Btu/h	2280	2130					
	Watts	331	356					
	Amps	1.28	1.40					
	Lb/h	29.4	28.7					
-10	Btu/h	2620	2460	2310				
	Watts	346	372	399				
	Amps	1.34	1.46	1.57				
	Lb/h	33.7	32.8	32.2				
-5	Btu/h	3000	2820	2650	2490			
	Watts	358	385	413	443			
	Amps	1.39	1.52	1.63	1.74			
	Lb/h	38.2	37.3	36.6	36.0			
0	Btu/h	3400	3200	3010	2840	2670		
	Watts	368	397	427	457	490		
	Amps	1.43	1.56	1.68	1.79	1.90		
	Lb/h	43.1	42.1	41.3	40.6	40.0		
5	Btu/h	3840	3620	3410	3210	3010		
	Watts	376	407	438	470	504		
	Amps	1.47	1.60	1.73	1.84	1.96		
	Lb/h	48.3	47.3	46.4	45.6	44.8		
10	Btu/h	4310	4070	3840	3620	3390	3170	2960
	Watts	381	414	447	482	518	556	598
	Amps	1.49	1.63	1.76	1.89	2.01	2.14	2.28
	Lb/h	53.9	52.8	51.8	50.9	50.0	49.1	48.3
15	Btu/h	4820	4560	4310	4060	3810	3560	3310
	Watts	384	419	455	491	530	570	614
	Amps	1.50	1.65	1.79	1.93	2.06	2.20	2.35
	Lb/h	59.9	58.8	57.7	56.7	55.7	54.6	53.5
20	Btu/h	5370	5090	4810	4530	4250	3970	3690
	Watts	385	423	461	500	540	583	629
	Amps	1.51	1.67	1.81	1.96	2.10	2.26	2.42
	Lb/h	66.3	65.2	64.1	62.9	61.8	60.5	59.2

25	Btu/h	5970	5670	5360	5050	4740	4430	4110
	Watts	383	424	464	506	549	595	643
	Amps	1.51	1.67	1.83	1.98	2.14	2.30	2.48
	Lb/h	73.2	72.1	70.9	69.6	68.3	67.0	65.5
30	Btu/h	6610	6280	5950	5610	5270	4930	4570
	Watts	379	422	466	511	557	606	657
	Amps	1.49	1.67	1.83	2.00	2.17	2.35	2.54
	Lb/h	80.6	79.4	78.2	76.9	75.4	73.9	72.2
35	Btu/h	7300	6950	6590	6220	5850	5460	5070
	Watts	373	419	466	514	563	615	669
	Amps	1.47	1.65	1.83	2.01	2.19	2.39	2.60
	Lb/h	88.5	87.3	86.0	84.6	83.1	81.4	79.5
40	Btu/h	8050	7660	7270	6880	6470	6050	5620
	Watts	364	414	464	515	568	623	681
	Amps	1.44	1.63	1.82	2.01	2.21	2.42	2.65
	Lb/h	96.9	95.7	94.4	92.9	91.3	89.5	87.4
45	Btu/h	8840	8430	8010	7580	7140	6680	6210
	Watts	352	406	460	515	571	630	691
	Amps	1.40	1.60	1.81	2.01	2.23	2.45	2.69
	Lb/h	106	105	103	102	100	98.1	95.9
50	Btu/h	9690	9260	8800	8340	7860	7360	6850
	Watts	338	396	454	513	573	636	701
	Amps	1.35	1.57	1.78	2.00	2.23	2.47	2.73
	Lb/h	115	114	113	111	110	107	105
55	Btu/h	10600	10100	9650	9150	8630	8100	7550
	Watts	322	384	446	509	574	640	709
	Amps	1.29	1.52	1.75	1.99	2.23	2.49	2.77
	Lb/h	126	125	123	122	120	117	115

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	5.324754E+03	7.994851E+01	-6.752315E-01	5.827606E+01
C2	9.606710E+01	-1.060241E+00	8.022371E-03	8.431412E-01
C3	-2.790487E+01	4.973683E+00	4.424377E-02	-2.966373E-01
C4	8.515410E-01	-8.577985E-02	-3.174037E-04	5.832719E-03
C5	3.815271E-02	3.786403E-02	-9.373951E-05	4.867989E-03
C6	4.851332E-02	-2.546675E-02	-2.911267E-04	1.587740E-03
C7	3.464224E-03	-1.976258E-05	-2.017451E-08	3.576068E-05
C8	-2.340349E-03	4.883526E-04	1.699462E-06	1.471876E-05
C9	-2.361088E-03	-2.818554E-05	1.080544E-06	-3.516236E-05
C10	-5.258088E-06	1.039820E-04	8.449683E-07	-3.199269E-06

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature